

## SMARCE1

**Reactivity:** Human Mouse Rat

**Tested applications:** WB IHC IF IP CHIP

**Recommended Dilution:** WB 1:500 - 1:2000 IHC 1:50 - 1:200 IF 1:50 - 1:200 IP 1:50 - 1:200

ChIP 1:20 - 1:100

**Calculated MW:** 46kDa

**Observed MW:** Refer to Figures

**Immunogen:**

Recombinant protein of human SMARCE1

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Concentration:**

1 mg/ml

**Synonym:**

BAF57;

**Catalog #:** A5361

**Antibody Type:**

Polyclonal Antibody

**Species:** Rabbit

**Gene ID:** 6605

**Isotype:** IgG

**Swiss Prot:** Q969G3

**Purity:** Affinity purification

For research use only.

**Background:**

The protein encoded by this gene is part of the large ATP-dependent chromatin remodeling complex SWI/SNF, which is required for transcriptional activation of genes normally repressed by chromatin. The encoded protein, either alone or when in the SWI/SNF complex, can bind to 4-way junction DNA, which is thought to mimic the topology of DNA as it enters or exits the nucleosome. The protein contains a DNA-binding HMG domain, but disruption of this domain does not abolish the DNA-binding or nucleosome-displacement activities of the SWI/SNF complex. Unlike most of the SWI/SNF complex proteins, this protein has no yeast counterpart.

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